

# Step 7: Add and Subtract Fractions

## Introduction

Convert these improper fractions to mixed numbers.

A.  $\frac{13}{7} =$ 


B.  $\frac{14}{5} =$ 


C.  $\frac{10}{6} =$ 


## Introduction

Convert these improper fractions to mixed numbers.

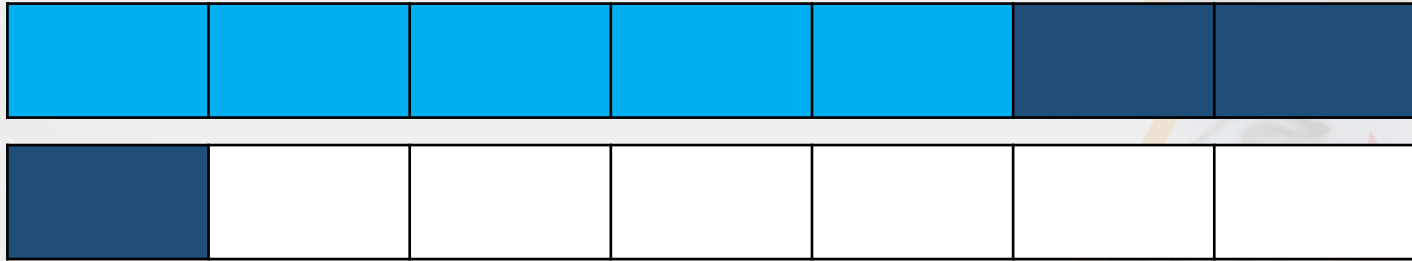
$$\text{A. } \frac{13}{7} = 1 \frac{6}{7}$$

$$\text{B. } \frac{14}{5} = 2 \frac{4}{5}$$

$$\text{C. } \frac{10}{6} = 1 \frac{4}{6}$$

## Varied Fluency 1

Match the image to the correct answer.



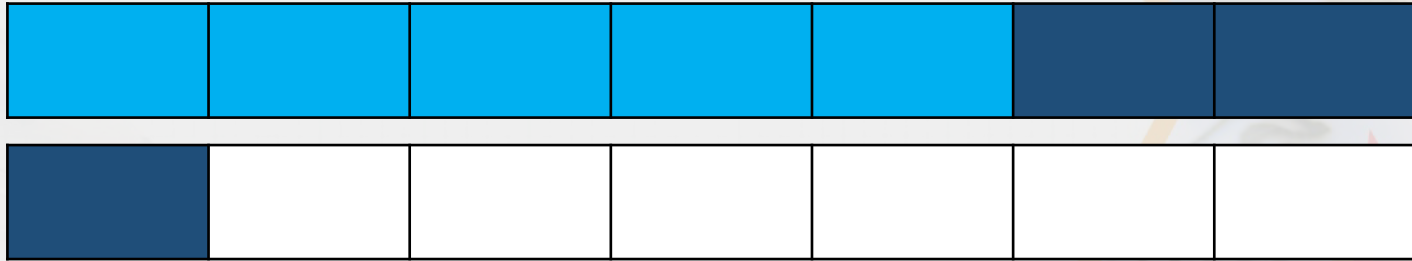
A.  $1 \frac{1}{7}$

B.  $1 \frac{3}{7}$

C.  $\frac{8}{14}$

## Varied Fluency 1

Match the image to the correct answer.



A.  $1\frac{1}{7}$

B.  $1\frac{3}{7}$

C.  $\frac{8}{14}$

## Varied Fluency 2

Complete the calculation that is represented by the image below.



$$\frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

Light green  
fraction

dark green  
fraction

Answer as  
Improper fraction

Answer as  
mixed number

## Varied Fluency 2

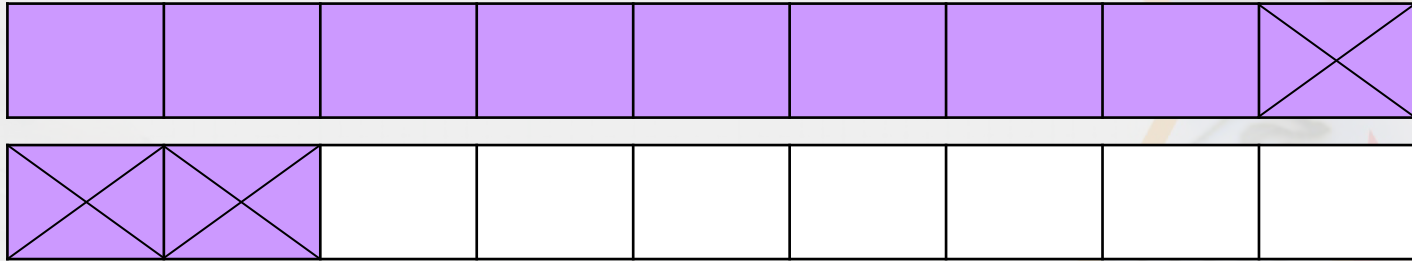
Complete the calculation that is represented by the image below.



$$\frac{4}{5} + \frac{3}{5} = \frac{7}{5} = 1 \frac{2}{5}$$

## Varied Fluency 3

Calculate the following:

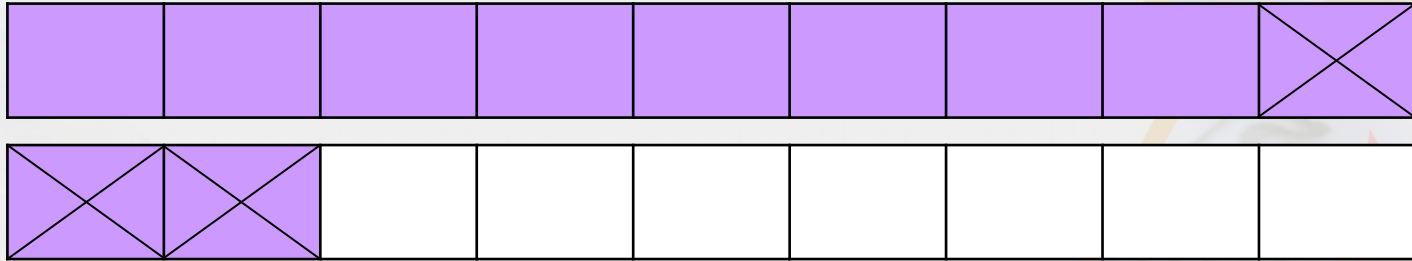


$$\frac{11}{9} - \frac{3}{9} = \frac{\square}{\square}$$



## Varied Fluency 3

Calculate the following:

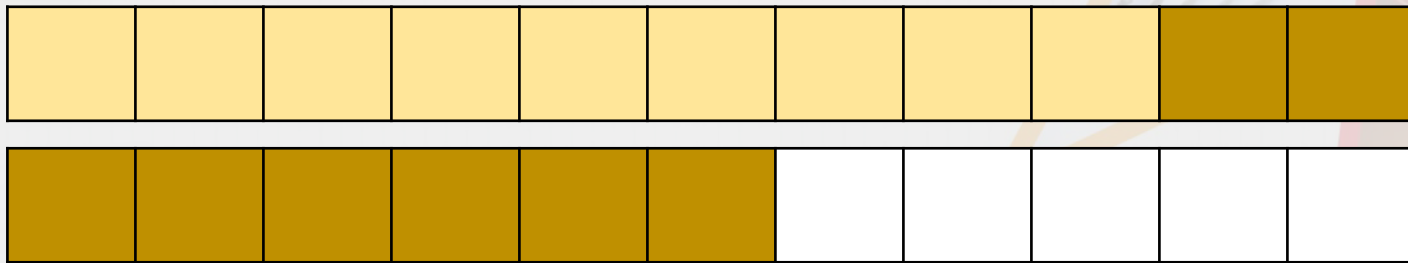


$$\frac{11}{9} - \frac{3}{9} = \frac{8}{9}$$

## Varied Fluency 4

Giles drinks  $\frac{9}{11}$  of his milk.

Jilly drinks  $\frac{8}{11}$  of her milk.

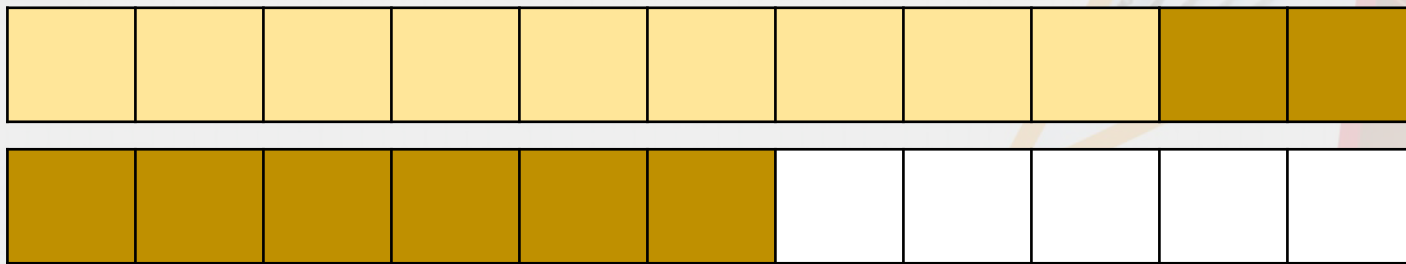


**How much milk have they drunk altogether?  
Record your answer as a mixed number.**

## Varied Fluency 4

Giles drinks  $\frac{9}{11}$  of his milk.

Jilly drinks  $\frac{8}{11}$  of her milk.



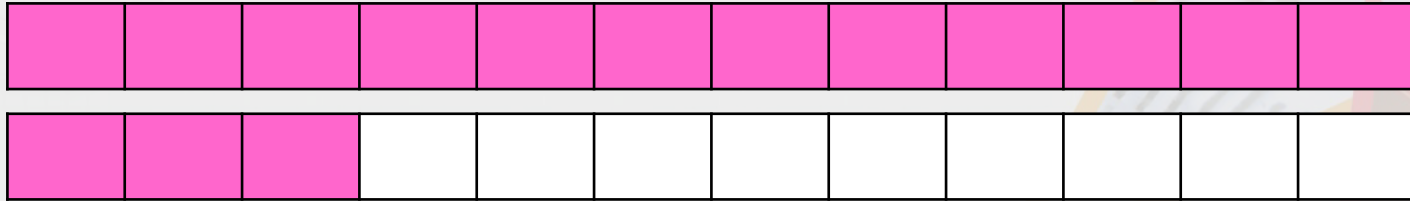
How much milk have they drunk altogether?  
Record your answer as a mixed number.

Altogether they have drunk  $1 \frac{6}{11}$ .

## Reasoning 1

Trisha is calculating the missing numerator in the following calculation:

$$\frac{\square}{12} + \frac{7}{12} = 1\frac{3}{12}$$



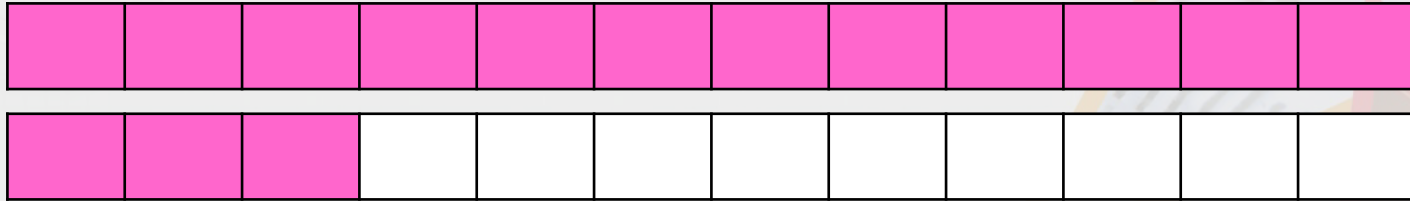
I think the missing numerator must be 10.

Is she correct? Explain why.

## Reasoning 1

Trisha is calculating the missing numerator in the following calculation:

$$\frac{\square}{12} + \frac{7}{12} = 1\frac{3}{12}$$



I think the missing numerator must be 10.

Is she correct? Explain why.

**Trisha is incorrect because the numerators need to total 15, so the missing numerator must be 8.**